

COMPACT DYNAMOELECTRIC MACHINE

ABSTRACT OF THE DISCLOSURE

A compact dynamoelectric machine having a rotor with a length which is less than the length of a corresponding stator core. The rotor is rotatable on a shaft supported by bearings, with at least one of the bearings being positioned longitudinally within the stator core. Two endshields define opposite ends of the machine. One of the endshields is configured for holding electronic components in arrangement integrated with the machine.